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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

KRULL, ET AL

Serial No.: 10/763,724

Filed: 01/23/2004

PORATABLE NAVIGATION SYSTEM AND
DEVICE WITH AUDIBLE TURN
INSTRUCTIONS

Docket No.: 34600-DIV-CNT

Confirmation No.: 7331

Group Art Unit No.: 3661

Examiner: Beaulieu, Yonel

TRANSMITTAL

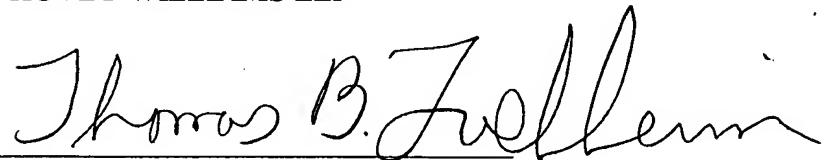
Transmitted herewith are: Transmittal; Supplemental Information Disclosure Statement (1 page); Fee of \$180.00 for Supplemental IDS; Information Disclosure Statement PTO Form 1449 (1 page); Cited References; and return postcard.

EL 973753690 US

Express Mail No.

Respectfully submitted,

HOVEY WILLIAMS LLP

by 

Thomas B. Luebbering, Reg. No. 37,874

HOVEY WILLIAMS LLP

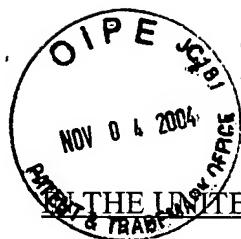
2405 Grand Boulevard, Suite 400

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816/474-9050

Dated: November 4, 2004

ATTORNEYS FOR APPLICANT



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:) Group Art Unit No.
KRULL, et al) Examiner: BEAULIEU, YONEL
Serial No.: 10/763,724)
Filed: 1/23/2004)
PORTABLE NAVIGATION SYSTEM AND)
DEVICE WITH AUDIBLE TURN INSTRUCTIONS)

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.97(c)

Transmitted herewith is a list on Form PTO-1449 of patents, publications, or other information submitted by the applicants for consideration by the Office pursuant to the duty of disclosure under 37 C.F.R. 1.56, together with legible copies of each of such documents to the extent clean copies are available.

Applicants note that this Statement is being submitted after the first Office Action but before a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311. Accordingly, this Statement is being filed pursuant to 37 C.F.R. § 1.97(c) and is accompanied by a check in the amount of \$180.00 for the fee set forth in 37 C.F.R. § 1.17(p).

As perhaps more specifically indicated in the contemporaneously filed response to the Office Action dated June 3, 2004, Applicants further submit that the invention as presently claimed is patentable over the listed reference.

11-05-04

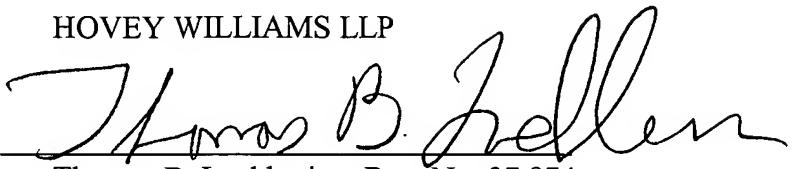
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Any additional fee which might be due in connection with this Disclosure Statement
should be applied against our Deposit Account No. 19-0522.

Respectfully submitted,

HOVEY WILLIAMS LLP

By



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(Docket No. 34600-DIV-CNT)

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Sheet 1 of 2

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 34600-DIV-CNT	SERIAL NO. 10/763,724
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: KRULL, ET AL	
(Use several sheets if necessary)		FILING DATE: 01/23/2004	GROUP: 3661

NOV 04 2004
U.S. PATENT & TRADEMARK OFFICE
SAC-1

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	7	5	7	3	5	9	05/26/98	Morimoto, Kymoi et al.			
		6	3	6	2	7	7	9	03/26/02	Neher, Timothy J.			
		5	3	4	3	3	9	9	08/30/94	Yokoyama, S., et al.			
		5	4	1	0	4	6	6	04/25/95	Kishi, H., et al.			
		5	4	5	2	2	1	2	09/19/95	Tokoyama, S., et al.			
		5	4	5	2	2	1	7	09/19/95	Kishi, H., et al.			
		5	4	7	5	5	5	9	12/12/95	Yokoyama, S., et al.			
		5	5	0	6	5	7	6	04/09/96	Kishi, H., et al.			
		5	7	9	3	6	3	1	08/11/98	Ito, T., et al.			
		5	8	0	9	4	4	7	09/15/98	Kato, K., et al.			
		6	1	6	1	0	9	2	12/12/00	Latshaw, G., et al.			
		6	1	7	2	8	4	1	01/09/01	Millington, J.			
		6	1	9	9	0	1	3	03/06/01	O'Shea, M.J.			
		6	3	1	7	6	6	4	11/13/01	Roeseler, A., et al.			
		6	3	1	7	6	8	7	11/13/01	Morimoto, K., et al.			
		6	3	2	1	1	5	6	11/20/01	DeLorme, D.M., et al.			
		5	6	2	7	5	4	7	05/06/97	Ramaswamy et al.			
		5	7	7	4	8	2	9	06/30/98	Brunts et al.			
		5	6	6	7	2	6	9	03/23/99	Brunts et al.			
		5	9	6	4	8	2	1	10/12/99	Brunts et al.			
		6	0	1	6	4	6	5	01/18/00	Amakawa et al.			
		6	1	6	8	6	6	4	08/22/00	Fukaya et al.			
		6	1	2	8	5	1	5	10/03/00	Kabler et al.			
		6	1	9	4	8	2	3	02/06/01	Smith et al.			
		6	2	6	6	6	1	5	07/24/01	Jin			
		6	3	1	7	6	6	4	11/13/04	Roeseler et al.			
		6	3	4	7	2	7	6	02/12/02	Ito			
		6	3	6	0	1	9	7	03/19/02	Millington et al.			
		6	4	6	1	0	3	5	06/4/02	Jin			
		6	4	7	7	4	6	4	11/05/02	McCarthy et al.			
		6	5	4	5	6	3	7	04/03	Krull et al.			
		6	4	8	7	4	9	4		Odiank et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER					DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
										YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		2002/0065603 Watanabe et al. 05/02
		"An optimal pathfinder for vehicles in real-world digital terrain maps" http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html , 11 pages, (1999)
		"Informed Search Methods", <u>Artificial Intelligence, A Modern Approach</u> , Prentice Hall, Inc., pp. 92-115 (1995)
		"Real-time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/1fu/research.htm , pp. 1-3, (1997)
		Ahuja, R., et al., "Faster Algorithms for the Shortest Path Problem", <u>Journal of the Association for Computing Machinery</u> , 37 (2), pp. 213-223, (1990)
		Cung, V., et al., "An Efficient Implementation of Parallel A **", <u>CFPAR</u> , Montreal, Canada, pp. 153-167 (1994)
		Fredman, M., et al., "Fibonacci heaps and their uses in improved network optimization algorithms", <u>Journal of the ACM</u> , 34 (3), 2 pages (1987)
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		Laporte, G., "The vehicle Routing Problem: An overview of exact and approximate algorithms", <u>European Journal of Operational Research</u> , 59, pp. 345-358, (1992)
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		Stout, B., "Smart Moves: Intelligent Pathfinding", <u>Gamasutra</u> , http://www.gamasutra.com/features/programming/080197/pathfinding.htm , pp. 1-11, (1997)
		Wai, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USR Report 2</u> , http://www.compnus.edu.sg/leonghoe/USRReport-txt.html , pp. 1-10, (1999)
		Zhan, F.B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis</u> , 1 (1), http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Shan.htm , 11 pages, (1997)
		Zhao, T., et al., "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", <u>American Control Conference</u> , Boston, MA, Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 2568-2573, (1991)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.